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HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20080001
Agency Interest No. 26547

Scott Reed
Arcadia OSB Division
130 Girl Scout Road
Simsboro, LA 71275

RE: Part 70 Operating Permit Significant Modification, Weyerhaeuser Company – Arcadia OSB
Division, Simsboro, Lincoln Parish, Louisiana

Dear Mr. Reed:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____, 2014 unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2009.

Permit No. 1720-D

S

Assistant _____

CSN:bsc

c: EPA Region VI

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision, regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Thursday, March 5, 2009.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit application, proposed permit and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.**

Additional copies may be reviewed at Lincoln Parish Library, Ruston Branch, 910 N. Trenton, Ruston, LA 71270.

Inquiries or requests for additional information regarding this permit action should be directed to Shane Clary, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3069.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmailistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 26547, Permit Number 1720-00032-V4, and Activity Number PER20080001.

Scheduled Publication Date: Thursday, January 29, 2009

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Arcadia OSB Division
Agency Interest No.: 26547
Weyerhaeuser Company
Simsboro, Lincoln Parish, Louisiana**

Raw Material Preparation

SYP and hardwood logs are transferred from the log storage area onto the infeed decks by crane and/or Letourneau log handler rolling stock. The logs are mechanically conveyed to the debarkers (Source DB-01). Debarked SYP logs are flaked immediately.

Wood flakes from the flakers are transported by conveyor to the Green Material Bins before being metered into the dryers.

Flake Drying

Wood flakes are dried in one of the three single-pass dryers. Each dryer utilizes heat generated from the wood-fired Wellons fuel cell and natural gas fired burners. The airflow through each dryer averages 55,000 acfm. Each dryer's exhaust is directed to a high efficiency cyclone for material (flake) collection by negative pneumatic flow. The exhaust gas stream from the cyclone is directed to the wet electrostatic precipitator (WESP) and the regenerative thermal oxidizers (RTOs) (Sources RTO-01, RTO-02, and RTO-03). The WESP removes particulate matter while the RTOs remove both volatile organic compounds (VOCs) and toxic air pollutants (TAPs) from the gas stream. RTO-01 and RTO-02 are rated for an airflow of approximately 110,000 acfm. RTO-03 is rated for an airflow of 151,440 acfm.

The dried flakes pass from the material collection cyclones and are then separated by a rotary screening system. After passing through an air lock, the flakes are conveyed to the Dry Material Metering Bins. A predetermined volume of flakes is dropped from the Dry Material Metering Bins onto another conveyor and then transported to the Blenders and Mat Formers.

Blending and Mat Forming

Liquid and/or powdered PF resin is applied to the flakes in the blenders prior to mat forming. The mat formers dispense flakes to form the OSB mats. The mat forming process mechanically orientates and distributes the flakes in four layers – the initial face layer, two inner core layers, and the final face layer. Formed OSB mats are conveyed to a weigh belt for quality control before being moved to the press area. Mats which do not meet weight standards are rejected, and the material is processed back into the system.

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The modifications at Arcadia OSB include the following:

- Route press emissions to a control device (i.e. dryers/existing RTO) through the use of a wood products enclosure to capture the emissions;
- Delete emissions associated with MDI usage, including the construction of the Blender Fabric Filter (PF-05), as the facility has not and no longer plans to utilize this chemical as an alternative to PF resin;
- Revise the dryer gas burner emission calculations to better reflect actual operating rates;
- Include a 500 horsepower diesel-fired portable air compressor that was recently approved as a small source per LAC 33:III.501.B.5.D as well as a 1135 horsepower diesel-fired backup generator and a 240 horsepower diesel-fired fire pump; and,
- Update additional TAPs emissions from the press and dryers based on current test data.

In addition, Arcadia OSB proposes to incorporate into this permit modification the applicable operating conditions from 40 CFR 63 Subpart DDDD, Plywood and Composite Wood Products MACT. To ensure compliance with the above regulation, the following milestones were established and have subsequently been completed in a timely fashion:

- Install the data acquisition system and associated equipment on the press by September 1, 2008;
- Implement the Startup, Shutdown, and Malfunction Plan for the press by September 1, 2008;
- Perform a compliance performance test on the dryers by January 1, 2009; and,
- Perform a compliance performance test on the press by January 1, 2009.

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**Arcadia OSB Division
Agency Interest No.: 26547
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IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) does not apply.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. Formaldehyde is emitted in a quantity above the Minimum Emission Rate (MER) under Louisiana Air Toxics Regulations. Maximum Achievable Control Technology (MACT) is required for this Class I toxic air pollutant (TAP). Impact of this pollutant on air quality is below the Louisiana Toxic Ambient Air Standards.

The General Condition XVII Activities were reviewed for compliance with 40 CFR 60 Subparts IIII and JJJJ, as well as compliance with 40 CFR 63 Subparts ZZZZ and DDDD. These subparts do not apply.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 2008; and in the <local paper>, <local town>, on <date>, 2008. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

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Agency Interest No.: 26547
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- One (1) 500 gallon Hydraulic Oil Tank	LAC 33:III.501.B.5.A.3
- Three (3) 250 gallon Hydraulic Oil Tanks	LAC 33:III.501.B.5.A.3
- One (1) 450 gallon Double Wall Gear Lube Tank	LAC 33:III.501.B.5.A.3
- One (1) 500 gallon Thermal Oil Tank	LAC 33:III.501.B.5.A.3
- One (1) 1,000 gallon Waste Oil Tank	LAC 33:III.501.B.5.A.3
- Three (3) 450 gallon Lube Oil Tanks	LAC 33:III.501.B.5.A.3
- One (1) 150 gallon Diesel Tank	LAC 33:III.501.B.5.A.2
- One (1) 250 gallon Diesel Tank	LAC 33:III.501.B.5.A.3
- One (1) 500 gallon Diesel Tank	LAC 33:III.501.B.5.A.3
- Six (6) 250 gallon Glue Tanks	LAC 33:III.501.B.5.A.3
- One (1) 11,755 gallon Hydraulic Oil Tank	LAC 33:III.501.B.5.D
- One (1) 13,000 gallon Thermal Oil Tank	LAC 33:III.501.B.5.D
- Miscellaneous Building Vent Fans	LAC 33:III.501.B.5.D

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Arcadia OSB Division
Agency Interest No.: 26547
Weyerhaeuser Company
Simsboro, Lincoln Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104*	2107	2111	2113	2115	2123	22	29*	51*	53	56	59
	Plant Wide	1	1	1	1									1			1		
EQT 1	RTO-01 – Regenerative Thermal Oxidizer #1					1	1	1						2				1	
EQT 2	RTO-02 – Regenerative Thermal Oxidizer #2					1	1	1						2				1	
EQT 3	RTO-03 – Backup Regenerative Thermal Oxidizer					1	1	1						2				1	
EQT 4	PF-01 – Saws and Panel Trim Pneumatic Filter					1	1	1						2			1		
EQT 5	PF-02 – Flying-Cut-Off Saw and Trim Pneumatic Fabric Filter								1										
EQT 6	PF-03 – Mat Reject System Pneumatic Fabric Filter								1										
EQT 7	PF-04 – Dry Flake Rotary Screen Pneumatic Fabric Filter								1										
EQT 8	PF-05 – Blender Pneumatic Fabric Filter								1										
EQT 9	TK-01 – Resin Storage Tank									3								1	
EQT 10	TK-02 – Resin Storage Tank									3								1	
EQT 11	TK-03 – Resin Storage Tank									3								1	
EQT 12	TK-04 – Resin Storage Tank										3							1	
EQT 13	DB-01 – Debarking Operations									1								1	

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Arcadia OSB Division
Agency Interest No.: 26547
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Simsboro, Lincoln Parish, Louisiana

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Arcadia OSB Division
 Agency Interest No.: 26547
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 Simsboro, Lincoln Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR					
		A	Ka	Kb	Db	Dc	GG	KKK	A	J	V	A	HH	QQQQ	DDDD	52	64	68							
EQT 13	DB-01 – Debarking Operations																								
EQT 14	FC-01 – Fuel Cell																								
EQT 15	D-01 – Rotary Dryer #1																								
EQT 16	D-02 – Rotary Dryer #2																								
EQT 17	D-03 – Rotary Dryer #3																								
EQT 18	TK-05 – Diesel Storage Tank																								
EQT 19	PV-01 – OSB Press Vent																								
EQT 20	B-01 – Dryer Burners																								
FUG 1	F-01 – Plant Fugitive Emissions																								
FUG 2	OSB Finish-01 – OSB Edge Sealer Emissions																								
FUG 3	OSB Finish-02 – Laminating Line Emissions																								

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
RTO-01	Waste Gas Disposal [LAC 33:III.2115]	EXEMPT. VOC concentration is less than 30,000 ppm. [LAC 33:III.2115.H.1.d]
RTO-02		
RTO-03		
RTO-01	Emission Standards for Sulfur Dioxide [LAC 33:III Chap 15]	DOES NOT APPLY. Units emit less than 5 tons per year of SO ₂ .
RTO-02		
RTO-03		
FC-01, D-01, D-02, D-03		
PV-01	40 CFR 64 – Compliance Assurance Monitoring	DOES NOT APPLY – Emissions are subject to emission limitation or standards proposed by the Administrator after November 15, 1990, pursuant to Section 111 or 112 of the Clean Air Act (40 CFR 64.2(b)(1)(i)).
OSB Finish- 01	Surface Coating for Wood Building Products MACT [40 CFR 63 Subpart QQQQ].	DOES NOT APPLY. This fugitive contains no HAPs.
PF-01, PF- 02, PF-03, PF- 04, DB-01, FC- 01, F-01	Plywood and Composite Wood Products MACT [40 CFR 63 Subpart DDDD].	DOES NOT APPLY. Subpart DDDD contains no compliance options or requirements for these units.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

40 CFR PART 70 GENERAL CONDITIONS

- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;

40 CFR PART 70 GENERAL CONDITIONS

- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
 1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.
The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.
- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.
- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services in accordance with LAC 33:I.Chapter 19.Facility Name and Ownership/Operator Changes Process.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]
- These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.
- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

General Information

AI ID: 26547 Weyerhaeuser Arcadia OSB
 Activity Number: PER20080001
 Permit Number: 1720-00032-V4
 Air - Title V Regular Permit Major Mod

Also Known As:	ID	Name	User Group	Start Date
1720-00032	93-0312940	Weyerhaeuser Arcadia OSB	CDS Number	08-05-2002
LAR000014498	LA0097721	Federal Tax ID	Federal Tax ID	11-21-1999
LAG780023	LAR05N044	Weyerhaeuser Arcadia OSB	Hazardous Waste Notification	06-30-2002
WP4934	LA-7687-101A	LPDES #	LPDES Permit #	11-21-1999
E-061-8297	E-061-8297	LPDES #	LPDES Permit #	10-12-2006
39060	43956	LPDES #	LPDES Permit #	11-21-1999
71275WLLMT130GI	71275	LWDPS #	LWDPS Permit #	06-25-2003
		Weyerhaeuser Co	Multimedia	06-30-2002
		Radioactive Material License	Radiation License Number	04-30-2008
		Site ID #	Solid Waste Facility No.	11-21-1999
		Willamette Industrial Inc	TEMPO Merge	07-31-2001
		Willamette Industrial Inc	TEMPO Merge	01-11-2001
		TRI #	Toxic Release Inventory	07-09-2004
Physical Location:	130 Girl Scout Rd		Main FAX:	3182637907
	Simsboro, LA 71275		Main Phone:	3182632529
Mailing Address:	130 Girl Scout Rd			
	Simsboro, LA 71275			
Location of Front Gate:	32° 32' 15" latitude, 92° 52' 30" longitude	Coordinate Method: Lat.\Long. - DMS, Coordinate Datum: NAD83	Relationship	
Related People:	Name	Mailing Address	Phone (Type)	
	Jason Lindquist	130 Girl Scout Rd Simsboro, LA 71275	jason.lindquist@wey	Emission Inventory Contact for
	Jason Lindquist	130 Girl Scout Rd Simsboro, LA 71275	3182427604 (WP)	Emission Inventory Contact for
	Scott Reed	130 Girl Scout Rd Simsboro, LA 71275	3182427601 (WP)	Responsible Official for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Weyerhaeuser Co	130 Girl Scout Rd Simsboro, LA 71275		Operates
	Weyerhaeuser Co	130 Girl Scout Rd Simsboro, LA 71275		Owns
	Weyerhaeuser Co	130 Girl Scout Rd Simsboro, LA 71275		Emission Inventory Billing Party
	Weyerhaeuser Co	130 Girl Scout Rd Simsboro, LA 71275		Air Billing Party for
	Weyerhaeuser Co	130 Girl Scout Rd Simsboro, LA 71275		Radiation License Billing Party for
	Weyerhaeuser Co	130 Girl Scout Rd Simsboro, LA 71275		Water Billing Party for
NAIC Codes:	321219, Reconstituted Wood Product Manufacturing			

INVENTORIES

AI ID: 26547 - Weyerhaeuser Arcadia OSB
 Activity Number: PER2008001
 Permit Number: 1720-00032-V4
 Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Arcadia OSB Division						
EQT 0001	RTO-01 - Regenerative Thermal Oxidizer #1		15 MM BTU/hr	13 MM BTU/hr		8760 hr/yr
EQT 0002	RTO-02 - Regenerative Thermal Oxidizer #2		15 MM BTU/hr	13 MM BTU/hr		8760 hr/yr
EQT 0003	RTO-03 - Regenerative Thermal Oxidizer #3		15 MM BTU/hr	13 MM BTU/hr		8760 hr/yr
EQT 0004	PF-01 - Saws and Panel Trim Pneumatic Fabric Filter			1062.5 lb/hr	woodwaste	8760 hr/yr
EQT 0005	PF-02 - Flying-Cut-Off Saw and Trim Saws/Formers Pneumatic Fabric Filter			1062.5 lb/hr	woodwaste	8760 hr/yr
EQT 0006	PF-03 - Mat Reject System Pneumatic Fabric Filter			1062.5 lb/hr	woodwaste	8760 hr/yr
EQT 0007	PF-04 - Dry Flake Rotary Screen Pneumatic Fabric Filter			1062.5 lb/hr	woodwaste	8760 hr/yr
EQT 0009	TK-01 - Resin Storage Tank	17750 gallons			phenol-formaldehyde resin or MDI resin	8760 hr/yr
EQT 0010	TK-02 - Resin Storage Tank	17750 gallons			phenol-formaldehyde resin or MDI resin	8760 hr/yr
EQT 0011	TK-03 - Resin Storage Tank	17750 gallons			phenol-formaldehyde resin or MDI resin	8760 hr/yr
EQT 0012	TK-04 - Resin Storage Tank	17750 gallons			phenol-formaldehyde resin or MDI resin	8760 hr/yr
EQT 0013	DB-01 - Debarking Operations			1.16 MM tons/yr logs		8760 hr/yr
EQT 0014	FC-01 - Fuel Cell		210 MM BTU/hr	150 MM BTU/hr		8760 hr/yr
EQT 0015	D-01 - Rotary Dryer #1	36300 lb/hr		25570 lb/hr		8760 hr/yr
EQT 0016	D-02 - Rotary Dryer #2	36300 lb/hr		25570 lb/hr		8760 hr/yr
EQT 0017	D-03 - Rotary Dryer #3	36300 lb/hr		25570 lb/hr		8760 hr/yr
EQT 0018	TK-05 - Diesel Storage Tank	10000 gallons			diesel	8760 hr/yr
EQT 0019	PV-01 - OSB Press Vent			442 MM ft ³ /yr		8760 hr/yr
EQT 0020	B-01 - B-01 Dryer Burners		30 MM BTU/hr	30 MM BTU/hr		8760 hr/yr
FUG 0001	F-01 - Plant Fugitive Emissions					8760 hr/yr
FUG 0002	OSB Finish-01 - OSB Edge Sealer Emissions			132600 gallons/yr		8760 hr/yr
FUG 0003	OSB Finish-02 - Laminating Line Emissions			132600 gallons/yr		8760 hr/yr
Stack Information:						
ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet) Temperature (oF)
Arcadia OSB Division						
EQT 0001	RTO-01 - Regenerative Thermal Oxidizer #1	38.6	110000	7.5		50 325
EQT 0002	RTO-02 - Regenerative Thermal Oxidizer #2	38.6	110000	7.5		50 325
EQT 0003	RTO-03 - Regenerative Thermal Oxidizer #3	50.2	151440	8		60 278
EQT 0004	PF-01 - Saws and Panel Trim Pneumatic Fabric Filter	28.3.	24425		14.4	26.4 80
EQT 0005	PF-02 - Flying-Cut-Off Saw and Trim Saws/Formers Pneumatic Fabric Filter	20.7	38080		15.3	26.4 80
EQT 0006	PF-03 - Mat Reject System Pneumatic Fabric Filter	27.2	50000		15.3	26.4 80

INVENTORIES

AI ID: 26547 - Weyerhaeuser Arcadia OSB
 Activity Number: PER20080001
 Permit Number: 1720-00032-V4
Air - Title V Regular Permit Major Mod

Subject Item Groups:

ID	Group Type	Group Description
GRP 0001	Equipment Group	RTO Cap - RTO Cap
SCN 0001	Alternate Operating Scenario	Press Vent 1 - Press Vent 1
UNF 0001	Unit or Facility Wide	Entire Facility - Arcadia OSB Division

Group Membership:

ID	Description	Member of Groups
EQT 0001	RTO-01 - Regenerative Thermal Oxidizer #1	CRG000000000001, GRP000000000001
EQT 0002	RTO-02 - Regenerative Thermal Oxidizer #2	CRG000000000001, GRP000000000001
EQT 0003	RTO-03 - Regenerative Thermal Oxidizer #3	CRG000000000001, GRP000000000001
EQT 0004	PF-01 - Saws and Panel Trim Pneumatic Fabric Filter	CRG000000000004
EQT 0005	PF-02 - Flying-Cut-Off Saw and Trim Saws/Formers Pneumatic Fabric Filter	CRG000000000004
EQT 0006	PF-03 - Mat Reject System Pneumatic Fabric Filter	CRG000000000004
EQT 0007	PF-04 - Dry Flake Rotary Screen Pneumatic Fabric Filter	CRG000000000004
EQT 0009	TK-01 - Resin Storage Tank	CRG000000000003
EQT 0010	TK-02 - Resin Storage Tank	CRG000000000003
EQT 0011	TK-03 - Resin Storage Tank	CRG000000000003
EQT 0012	TK-04 - Resin Storage Tank	CRG000000000003
EQT 0015	D-01 - Rotary Dyer #1	CRG000000000002
EQT 0016	D-02 - Rotary Dyer #2	CRG000000000002
EQT 0017	D-03 - Rotary Dyer #3	CRG000000000002
EQT 0019	PV-01 - OSB Press.Vent	SCN000000000001

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0290	0290 Particleboard/Waferboard Manufacture (O.S.B.)		

SIC Codes:

2492	Particleboard-Mfrs	AI 26547
2493	Reconstituted wood products	AI 26547
2493	Reconstituted wood products	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 26547 - Weyerhaeuser Arcadia OSB

Activity Number: PER20080001

Permit Number: 1720-00032-V4

Air - Title V Regular Permit Major Mod

SCN	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
0001	CO	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251.			Emissions during routine control device maintenance as provided for in 40 CFR 63.2251.		
SCN 0001	CO	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251.			Emissions during routine control device maintenance as provided for in 40 CFR 63.2251.		
SCN 0001	CO	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251.			Emissions during routine control device maintenance as provided for in 40 CFR 63.2251.		
SCN 0001	VOC	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251.			Emissions during routine control device maintenance as provided for in 40 CFR 63.2251.		
SCN 0001	VOC	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251.			Emissions during routine control device maintenance as provided for in 40 CFR 63.2251.		
SCN 0001	VOC	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251.			Emissions during routine control device maintenance as provided for in 40 CFR 63.2251.		

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 26547 - Weyerhaeuser Arcadia OSB

Activity Number: PER20080001

Permit Number: 1720-00032-V4

Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0003 RTO-03	Cadmium (and compounds)		0.001	
	Chromium VI (and compounds)		0.002	
	Formaldehyde		3.169	
	Lead compounds		0.010	
	Manganese (and compounds)		0.006	
	Methanol		3.245	
	Nickel (and compounds)		0.002	
	Phenol		0.593	
	Propionaldehyde		0.019	
EQT 0005 PF-02	Formaldehyde	0.152	0.176	0.664
EQT 0006 PF-03	Formaldehyde	0.152	0.176	0.664
EQT 0009 TK-01	Formaldehyde	<0.001	<0.001	<0.001
EQT 0010 TK-02	Formaldehyde	<0.001	<0.001	<0.001
EQT 0011 TK-03	Formaldehyde	<0.001	<0.001	<0.001
EQT 0012 TK-04	Formaldehyde	<0.001	<0.001	<0.001
EQT 0018 TK-05	Benzene	<0.001	<0.001	<0.001
	Ethyl benzene	<0.001	<0.001	<0.001
	Toluene	<0.001	<0.001	<0.001
	Xylene (mixed isomers)	<0.001	<0.001	<0.001
	Acetaldehyde			0.03
EQT 0019 PV-01	Formaldehyde			0.40
	Methanol			2.30
	Phenol			0.03
	Propionaldehyde			0.01
FUG 0001 F-01	Formaldehyde	0.152	0.176	0.664
GRP 0001 RTO Cap	Acetaldehyde	1.641		7.188
	Acrolein	0.510		2.234
	Arsenic (and compounds)	0.001		0.004
	Benzene	0.343		1.502
	Beryllium (Table 51.1)	<0.001		<0.001
	Cadmium (and compounds)	<0.001		0.004
	Chromium VI (and compounds)	<0.001		0.004
	Formaldehyde	2.942		12.886

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 26547 - Weyerhaeuser Arcadia OSB

Activity Number: PER20080001

Permit Number: 1720-00032-V4

Air - Title V Regular Permit Major Mod

SCN 0001	Acetaldehyde	Tons/Year	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251. Which Months: All Year
SCN 0001	Formaldehyde	Avg lb/hr	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251. Which Months: All Year
SCN 0001	Formaldehyde	Max lb/hr	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251. Which Months: All Year
SCN 0001	Formaldehyde	Tons/Year	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251. Which Months: All Year
SCN 0001	Methanol	Avg lb/hr	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251. Which Months: All Year
SCN 0001	Methanol	Max lb/hr	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251. Which Months: All Year
SCN 0001	Methanol	Tons/Year	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251. Which Months: All Year
SCN 0001	Phenol	Avg lb/hr	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251. Which Months: All Year
SCN 0001	Phenol	Max lb/hr	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251. Which Months: All Year
SCN 0001	Phenol	Tons/Year	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251. Which Months: All Year
SCN 0001	Propionaldehyde	Avg lb/hr	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251. Which Months: All Year
SCN 0001	Propionaldehyde	Max lb/hr	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251. Which Months: All Year
SCN 0001	Propionaldehyde	Tons/Year	Emissions during routine control device maintenance as provided for in 40 CFR 63.2251. Which Months: All Year

SPECIFIC REQUIREMENTS

AI ID: 26547 - Weyerhaeuser Arcadia OSB
 Activity Number: PER20080001
 Permit Number: 1720-00032-V4
 Air - Title V Regular Permit Major Mod

CRG 0001 RTO Requirements - RTO Requirements

- Specific QA/QC Procedures: Calibrate, operate, and maintain wet electrostatic precipitator instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
- Opacity monitored by continuous opacity monitor (COM) daily. This frequency is the minimum required to satisfy the requirements of this specific condition. In the event the COM should malfunction, opacity shall be monitored using EPA Method 9 at the required frequency by a qualified person until the COM is restored to working order. [40 CFR 64.6(c)(1)]
- Which Months: All Year Statistical Basis: None specified
- Temperature monitored by temperature monitoring device continuously. [40 CFR 64.6(c)(1)]
- Which Months: All Year Statistical Basis: None specified
- An excursion or exceedance is defined as an average combustion chamber temperature of less than 1400 degrees Fahrenheit. This average temperature shall be determined by averaging at least two of the four available thermocouple measurements. [40 CFR 64.6(c)(2)]
- Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- An excursion or exceedance is defined as an opacity of greater than twenty percent per six-minute average. [40 CFR 64.6(c)(2)]
- Temperature recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]
- Opacity recordkeeping by electronic or hard copy daily. This frequency is the minimum required to satisfy the requirements of this specific condition. [40 CFR 64.6(c)(4)]
- Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- Conduct daily opacity monitoring required under 40 CFR 64 at all times that the boiler is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments or those listed under LAC 33:III.131.C and 40 CFR 60.43(b)(f)). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the wet scrubber control system. [40 CFR 64.7(c)]
- Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions; associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

SPECIFIC REQUIREMENTS

AI ID: 26547 - Weyerhaeuser Arcadia OSB
 Activity Number: PER2008001
 Permit Number: 1720-00032-V4
 Air - Title V Regular Permit Major Mod

CRG 0002 Dryer Requirements - Dryer Requirements

- 38 [40 CFR 63.2260] Demonstrate initial compliance with each applicable compliance option, operating requirement, and work practice requirement according to 40 CFR 63 Subpart DDDD Tables 5 and 6. Conduct performance tests and establishing each site-specific operating requirement in 40 CFR 63 Subpart DDDD Table 2 according to the requirements in 40 CFR 63.2262 and 40 CFR 63 Subpart DDDD Table 4. Subpart DDDD.
- Conduct each performance test according to the requirements in 40 CFR 63.7(e)(1), the requirements in 40 CFR 63.2262(b) through (o), and according to the methods specified in 40 CFR 63 Subpart DDDD Table 4. Subpart DDDD.
- Demonstrate continuous compliance with the applicable compliance options, operating requirements, and work practice requirements in 40 CFR 63.2240 and 63.2241 according to the methods specified in 40 CFR 63 Subpart DDDD Tables 7 and 8. Subpart DDDD. [40 CFR 63.2271(a)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.2282(a) through (e), as applicable. Subpart DDDD.
- Keep records in a form suitable and readily available for expeditious review as specified in 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, corrective action, report, or record. Keep each record on site for at least 2 years after the date of each occurrence, measurement, corrective action, report, or record. The remaining 3 years may be kept offsite. Subpart DDDD.

CRG 0003 Tank Requirements - Resin Tank Storage Requirements

Group Members: EQT 0009EQT 0010EQT 0011EQT 0012

43 [LAC 33:III.5109.A] The total free formaldehyde concentration by weight will not exceed 0.1% for the face resin and 0.1% for the core resin. The permittee shall record and report the amount of resin received by the facility. This report shall also include the weight percentages of formaldehyde and phenol for every formulation used. The weight percentages may be obtained from the Material Safety Data Sheets (MSDS) for the resins. This report shall be submitted by March 31st of each year for the prior calendar year to the Office of Environmental Compliance, Surveillance Division.

CRG 0004 Filter Requirements - Fabric Filter Requirements

Group Members: EQT 0004EQT 0005EQT 0006EQT 0007

- 44 [40 CFR 64.3.b.3] Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
- 45 [40 CFR 64.6.c.1] Pressure drop monitored by pressure drop instrument daily. This frequency shall be the minimum required to satisfy the requirements of this specific condition. [40 CFR 64.6(c)(1)]
- Which Months: All Year Statistical Basis: None specified
- An excursion or exceedance is defined as a differential pressure reading of greater than five inches of water. [40 CFR 64.6(c)(2)]
- 46 [40 CFR 64.6.c.2] Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- 47 [40 CFR 64.6.c.2] Pressure drop recordkeeping by electronic or hard copy daily. This frequency shall be the minimum required to satisfy the requirements of this specific condition. Pressure drop shall be measured using a differential pressure gauge that yields readings in inches of water. [40 CFR 64.6(c)(4)]

SPECIFIC REQUIREMENTS

AI ID: 26547 - Weyerhaeuser Arcadia OSB
 Activity Number: PER20080001
 Permit Number: 1720-00032-V4
 Air - Title V Regular Permit Major Mod

CRG 0004 Filter Requirements - Fabric Filter Requirements

- 60 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions.
 Which Months: All Year Statistical Basis: None specified
- 61 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 62 [LAC 33:III.507.H.1.a] Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0013 DB-01 - Debarking Operations

- 63 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

EQT 0014 FC-01 - Fuel Cell

- 64 [40 CFR 60.43b] Particulate matter (10 microns or less) <= 0.10 lb/MMBTU (43 g/J) heat input. The particulate matter standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db.
 Which Months: All Year Statistical Basis: None specified
- Conduct an initial performance test as required under 40 CFR 60.8 to demonstrate compliance with the particulate matter emission limits and opacity limits under 40 CFR 60.43b following the procedures and reference methods specified in 40 CFR 60.46b(d)(1) through (d)(7). Subpart Db. [40 CFR 60.46b(d)]
- Follow the procedures under 40 CFR 60.13 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NO_x and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)]
- Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]
- Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)]
- Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period.
- Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
- Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]
- Total suspended particulate <= 0.6 lb/MMBTU of heat input.
 Which Months: All Years Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 26547 - Weyethaeuser Arcadia OSB
 Activity Number: PER20080001
 Permit Number: 1720-00032-V4
 Air - Title V Regular Permit Major Mod

FUG 0002 OSB Finish-01 - OSB Edge Sealer Emissions

- 84 [40 CFR 63.2262] Conduct each performance test according to the requirements in 40 CFR 63.7(e)(1), the requirements in 40 CFR 63.2262(b) through (o), and according to the method(s) specified in 40 CFR 63 Subpart DDDD Table 4. Subpart DDDD.
- 85 [40 CFR 63.2271.a] Demonstrate continuous compliance with the applicable compliance options, operating requirements, and work practice requirements in 40 CFR 63.2240 and 63.2241 according to the methods specified in 40 CFR 63 Subpart DDDD Tables 7 and 8. Subpart DDDD. [40 CFR 63.2271(a)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.2282(a) through (e), as applicable. Subpart DDDD.
- 86 [40 CFR 63.2282] Keep records in a form suitable and readily available for expedited review as specified in 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action; report, or record. Keep each record on site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record. The remaining 3 years may be kept offsite. Subpart DDDD.

FUG 0003 OSB Finish-02 - Laminating Line Emissions

- 88 [40 CFR 63.4691.a] Demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit(s) in 40 CFR 63.4690, and that each thinner and each cleaning material used contains no organic HAP. Subpart QQQQ. [40 CFR 63.469] (a)
- 89 [40 CFR 63.4700.a.] Ensure that any coating operation(s) for which the compliant material option is used, as specified in 40 CFR 63.4691(a), complies with the applicable emission limit in 40 CFR 63.4690 at all times. Subpart QQQQ. [40 CFR 63.4700(a)(1)]
- 90 [40 CFR 63.4741] Demonstrate initial compliance with the emission limitations in 40 CFR 63.4690 using the test methods and procedures specified in 40 CFR 63.4741(a) through (e). Subpart QQQQ.
- 91 [40 CFR 63.4742.a] Use no coating for which organic HAP content determined using 40 CFR 63.4741, Equation 2 exceeds the applicable emission limit in 40 CFR 63.4690; and use no thinner or cleaning material that contains organic HAP, determined according to 40 CFR 63.4741(a). Subpart QQQQ. [40 CFR 63.4742(a)]
- 92 [40 CFR 63.4742.c] Identify the coating operation(s) for which the compliant material option was used, and submit as part of each semiannual compliance report required by 40 CFR 63.4720. If there were no deviations from the emission limit in 40 CFR 63.4690, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because no coatings were used for which the organic HAP content exceeded the applicable emission limit in 40 CFR 63.4690, and no thinner or cleaning material was used that contained organic HAP, determined according to 40 CFR 63.4741(a). Subpart QQQQ. [40 CFR 63.4742(c)]

GRP 0001 RTO Cap - RTO Cap

Group Members: EQT 0001 EQT 0002 EQT 0003

- 93 [LAC 33.III.501.C.6] Any number of regenerative thermal oxidizers may be operated simultaneously, provided that the total volatile organic compound (VOC) emissions do not exceed 96.93 tons per year. Emissions in excess of the limits specified for any 12 consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing VOC and TAP emissions in the preceding calendar year, as well as the twelve consecutive month total for each month, shall be submitted to the Enforcement Division annually by March 31.

SPECIFIC REQUIREMENTS

AI ID: 26547 - Weyerhaeuser Arcadia OSB
 Activity Number: PER20080001
 Permit Number: 1720-00032-V4
 Air - Title V Regular Permit Major Mod

UNF 0001 Entire Facility - Arcadia OSB Division

- 110 [40 CFR 63.2281.a] Submit startup, shutdown, malfunction report: Due by fax or telephone within 2 working days after starting actions inconsistent with the startup, shutdown and malfunction plan. Include the actions taken for the event. Submit a letter within 7 working days after the end of the event unless alternative arrangements have been made with DEQ. Include the information specified in 40 CFR 63.10(d)(5)(ii). Subpart DDDD. [40 CFR 63.2281(a)]
- 111 [40 CFR 63.4700.b] Operate and maintain the affected source, including all air pollution control and monitoring equipment used for purposes of complying with 40 CFR 63 Subpart QQQQ, according to the provisions in 40 CFR 63.6(e)(1)(i). Subpart QQQQ. [40 CFR 63.4700(b)]
- 112 [40 CFR 63.4710.a] Submit the notifications in 40 CFR 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h), as applicable, by the dates specified in those sections, except as provided in 40 CFR 63.4710(b) and (c). Subpart QQQQ. [40 CFR 63.4710(a)]
- 113 [40 CFR 63.4710.c] Submit Notification of Compliance Status: Due no later than 30 calendar days following the end of the initial compliance period described in 40 CFR 63.4740, 40 CFR 63.4750, or 40 CFR 63.4760, as required by 40 CFR 63.9(h); Include the information specified in 40 CFR 63.4710(c)(1) through (c)(9) and in 40 CFR 63.9(h). Subpart QQQQ. [40 CFR 63.4710(c)]
- 114 [40 CFR 63.4720.a.1] Submit compliance status report: Due semiannually, by the 31st of January and July; Include the information specified in 40 CFR 63.4720(a)(3) through (a)(7) and (c)(1), as applicable. Subpart QQQQ. [40 CFR 63.4720(a)(1)]
- 115 [40 CFR 63.4730.a] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.4730(a) through (K), as applicable. Subpart QQQQ. [40 CFR 63.4730(a)]
- 116 [40 CFR 63.4731] Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, corrective action, report, or record, as specified in 40 CFR 63.10(b)(1). Keep each record on-site for at least 2 years after the date of each occurrence, measurement, corrective action, report, or record, according to 40 CFR 63.10(b)(1). Records may be kept off-site for the remaining 3 years. Subpart QQQQ.
- 117 [40 CFR 63] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A.
- 118 [40 CFR 70.5.a.1 (iii)] Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 119 [40 CFR 70.6.a.3 (iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31 and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 120 [40 CFR 70.6.a.3(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 121 [40 CFR 70.6.c.5(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]

SPECIFIC REQUIREMENTS

AI ID: 26547 - Weyerhaeuser Arcadia OSB
 Activity Number: PER20080001
 Permit Number: 1720-00032-V4
 Air - Title V Regular Permit Major Mod

UNF 0001 Entire Facility - Arcadia OSB Division

- 137 [LAC 33:III.5107.B.1] Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6395 immediately, but in no case later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere that results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).
- 138 [LAC 33:III.5107.B.2] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:1.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:1.3923.
- 139 [LAC 33:III.5107.B.3] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:1.3931.
- 140 [LAC 33:III.5107.B.4] Submit written report: Due by certified mail to SPOC within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through B.3.1. Include the information specified in LAC 33:III.5107.B.4.a.viii.
- 141 [LAC 33:III.5107.B.5] Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, IF THEY CAN BE MEASURED AND CAN BE RELIABLY QUANTIFIED USING GOOD ENGINEERING PRACTICES, to DEQ along with the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.
- 142 [LAC 33:III.5109.C] Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III. Chapter 51.1. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by DEQ.
- 143 [LAC 33:III.5113.A.1] Submit notification in writing: Due to SPOC not more than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up.
- 144 [LAC 33:III.5113.A.2] Submit notification in writing: Due to SPOC within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source.
- 145 [LAC 33:III.5113.B.1] Ensure that all testing done to determine the emission of toxic air pollutants is conducted by qualified personnel.
- 146 [LAC 33:III.5113.B.1] Submit test results: Due in writing to the Office of Environmental Assessment within 45 days after completion of the test. Submit test results signed by the person responsible for the test.
- 147 [LAC 33:III.5113.B.2] Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ.
- 148 [LAC 33:III.5113.B.3] Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants.